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(54) ON-ROAD OBSTACLE DETECTING DEVICE

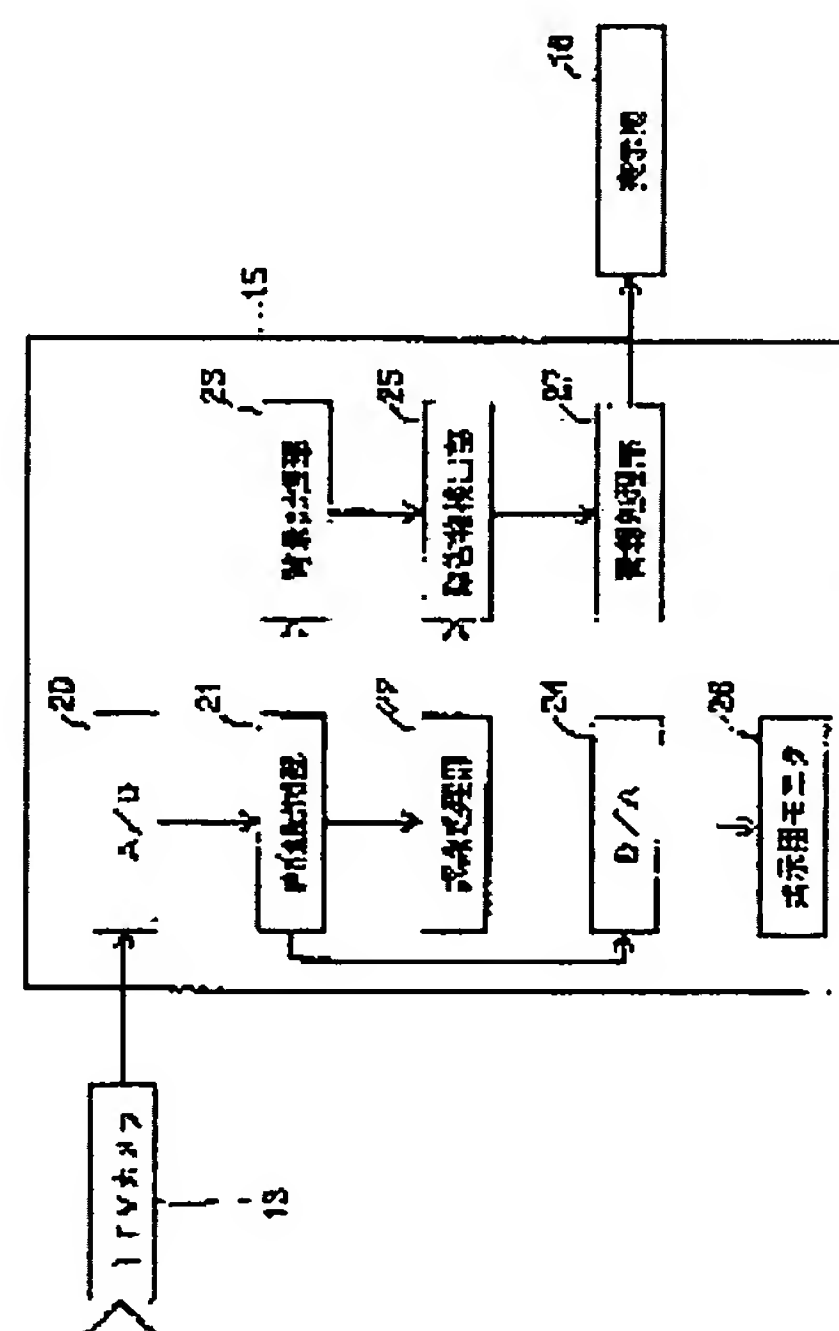
(57)Abstract:

PURPOSE: To detect an obstacle on a road early and securely.

CONSTITUTION: This device is equipped with an ITV camera 13 which photographs an on-road obstacle detection area, an analog-digital converter 20 which digitizes the image obtained by the ITV camera 13, an image storage part 21 which processes and stores the image digitized by the analog-digital converter 20, a background storage part 23 which stores image information on only the background that is

photographed right after the device is actuated and does not include the vehicle, a recognition processing part 22 which separates the image information in the image storage part 21 into vehicle information and a

background image, an obstacle detection part 25 which detects the on-road obstacle from the background image separated by the recognition processing part 22, an alarm processing part 27 which outputs an alarm with the obstacle detection signal outputted by the obstacle detection part 25, and a display plate 16 which displays the alarm information outputted by this alarm processing part 27.



LEGAL STATUS

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